

COLLEGE OF ARTS AND SCIENCES NEW PROGRAM REVIEW FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Bruce Mechtly</u>	<u>Approve</u>	<u>2014-10-08</u>
Division	<u>Susan Blerke</u>	<u>Approve</u>	<u>2014-10-10</u>
Dept. of Educ.	<u>N/A</u>		
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2014-10-21</u>
Curriculum Committee	<u>Michael Hager</u>	<u>Approve</u>	<u>2014-10-22</u>
Accepted by CFC	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2015-01-21</u>
CAS Faculty	<u>Bruce Mactavish</u>	<u>Approve</u>	<u>2015-01-28</u>
Approved By:	Faculty Senate _____	University Faculty _____	WU Board of Regents _____

1. Title of Program.

Bachelor of Arts in Computer Information Sciences with Emphasis in Digital Forensics

2. Rationale for offering this program.

The new partnership between the KBI and WU has generated new opportunities for collaboration between KBI and WU faculty and students. To further this collaboration we propose a new CIS emphasis in digital forensics. Students will have access to a lab in the new KBI building and will interact with KBI staff frequently. Two new CM courses in digital forensics have also been proposed and are currently in the approval process.

3. Exact proposed catalog description.

Computer Information Sciences Core - 16 hrs
 CM111 Intro to Structured Programming (4)
 CM203 Digital Forensics I (3)
 CM231 Computer Organization/Assembler (3)
 CM245 Contemporary Programming Methods (3)
 CM261 Networked Systems I (3)

Computer Information Sciences Required - 18 hrs
 CM303 Digital Forensics II (3)
 CM307 Data Structures & Algorithmic Analysis (3)
 CM322 Operating Systems (3)
 Either CM331 Computational Intelligence (3)
 or CM332 Data Mining (3)
 CM336 Database Management Systems (3)

CM361 Network Systems II (3)
CM467 CIS Capstone Project (2)
CM468 CIS Senior Seminar (1)

Approved Elective CM Upper Division Coursework - 6 hrs

Course(s) should be selected in consultation with a departmental advisor. All 6 hours must be upper division.

Correlated - 33-35 hrs

CJ130 Public and Private Security (3)

CJ415 Forensic Science in Criminal Justice (3)

CN150 Public Speaking (3)

Either CN340 Professional Interviewing (3)

or CN341 Persuasive Speaking (3)

EN208 Business/Technical Writing (3)

Either MA140 Statistics (3)

or MA343 Applied Statistics (3)

Either MA141 Applied Calculus I (3)

or MA151 Calculus I (5)

MA206 Discrete Math - Computing (3)

PH220 Logic (3)

PY100 Basic Concepts in Psychology (3)

PY2XX 200-level Psychology General Ed (3)

4. List and financial implications.

We can support this program with the facilities we currently have, but it will be much stronger with the purchase of Encase and FTK software packages. Funding for these packages is currently being considered from non-WU sources.

Department
New Program Name

Program Development
Membership
Release Time to Develop
Consultant
Site Visit
Inservice/Preservice Prep

Footnotes:

Breakdown of one-time cost of equipping the lab (5 workstations total):

PC (\$5000 each)
2 monitors (\$650 each)
write blocker (\$500 each)
hard drive docking station (\$400 each)
Encase software (\$3000 each)
Internet Evidence Finder software (\$1600 each)

In addition we would like 2 hard drive imaging systems (\$2500 each)